

REMARKS

The Office Action in the above-identified application has been carefully considered and this amendment has been presented to place this application in condition for allowance.

Accordingly, reexamination and reconsideration of this application are respectfully requested.

Claims 1, 4, 6, 8, 10, 13, 15, 17, 20, and 22 are in the present application. It is submitted that these claims, as originally presented, were patentably distinct over the prior art cited by the Examiner, and that these claims were in full compliance with the requirements of 35 U.S.C. § 112. Changes to the claims as presented herein, are not submitted for the purpose of patentability within the meaning of 35 U.S.C. sections 101, 102, 103 or 112. Rather, these changes are submitted simply for clarification and to round out the scope of protection to which Applicants are entitled.

Claims 1, 4, 6, 8, 10, 13, 15, 17, 20, and 22 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Aoyama et al. (U.S. Patent 5,364,270) in view of Loughheed et al. (U.S. Patent 5,686,690).

However, the present invention generates “a motion control signal corresponding to each frame of said image signal by calculating said motion vectors.” (Claims 1, 10, and 17) The present invention’s motion vectors are calculated based on detected movement between frames for predetermined pixel block areas. (Figure 3; Specification pages 7–9) The Examiner relies on Aoyama’s motion information to meet this limitation. (Office Action page 2) But, Aoyama simply reads prestored motion information which is stored with the video information (Abstract), rather than calculating motion vectors as in the present invention. Moreover, the only definition

Aoyama provides is: "motion information which is measured or calculated beforehand is converted into oil pressure control information." (Column 5, lines 14-17) Therefore, there is no indication as to how Aoyama calculates the motion information, nor is there any disclosure of what the motion information consists of. Accordingly, Aoyama's motion information does not meet the present invention's "detecting motion vectors for a plurality of predetermined blocks within each frame of said image signal." (Claims 1, 10, and 17)

Furthermore, an object of the present invention is to generate the motion control signal based on the image signal and to control/drive an object using the motion control signal "in a manner simulating motion to the object." This allows a user of the present invention to experience a simulated motion which corresponds to a displayed image. Loughheed does not disclose moving an object "in a manner simulating motion to the object."

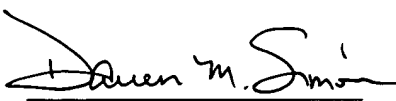
Therefore, for at least these reasons, Aoyama and Loughheed fail to obviate the present invention and the rejected claims should now be allowed.

In view of the foregoing amendment and remarks, it is respectfully submitted that the application as now presented is in condition for allowance. Early and favorable reconsideration of the application are respectfully requested.

No additional fees are deemed to be required for the filing of this amendment, but if such are, the Examiner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account No. 50-0320.

If any issues remain, or if the Examiner has any further suggestions, he/she is invited to call the undersigned at the telephone number provided below. The Examiner's consideration of this matter is gratefully acknowledged.

Respectfully submitted,
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